

Title (en)
SURVIVAL TIME FOR QUALITY OF SERVICE REQUIREMENT RELAXATION

Title (de)
ÜBERLEBENSZEIT FÜR DIE LOCKERUNG DER ANFORDERUNGEN AN DIE DIENSTQUALITÄT

Title (fr)
TEMPS DE SURVIE POUR RELÂCHEMENT DES EXIGENCES DE QUALITÉ DE SERVICE

Publication
EP 4070582 A4 20221123 (EN)

Application
EP 20947033 A 20200731

Priority
CN 2020106180 W 20200731

Abstract (en)
[origin: WO2022021317A1] Methods, apparatus, and systems that use the survival time parameter to relax Quality of Service (QoS) reliability requirements in communication services are disclosed. In one example aspect, a wireless communication method includes triggering, by a wireless device, a report to a radio access node due to occurrence of a condition of a survival time associated with a communication service. The survival time represents an amount of time an application consuming the communication service is capable of continuing without receiving any anticipated message. The survival time can indicate a number of consecutive incorrectly received or lost packets.

IPC 8 full level
H04W 28/24 (2009.01); **H04W 24/02** (2009.01)

CPC (source: EP KR US)
H04L 1/08 (2013.01 - EP); **H04L 1/1825** (2013.01 - EP); **H04L 1/1864** (2013.01 - EP); **H04L 1/188** (2013.01 - EP); **H04L 1/1887** (2013.01 - EP); **H04L 41/50** (2013.01 - KR); **H04W 24/02** (2013.01 - US); **H04W 24/10** (2013.01 - KR US); **H04W 28/24** (2013.01 - KR); **H04L 1/0003** (2013.01 - EP); **H04L 1/0009** (2013.01 - EP); **H04L 1/0017** (2013.01 - EP); **H04L 43/067** (2013.01 - EP); **H04L 43/0852** (2013.01 - EP); **H04W 24/02** (2013.01 - EP); **Y02D 30/70** (2020.08 - EP)

Citation (search report)
• [Y] US 2020236579 A1 20200723 - CHO HEEJEONG [KR], et al
• [Y] CATT: "KI #X, New Sol: Use of survival time", vol. SA WG2, no. Elbonia; 20200601 - 20200605, 22 May 2020 (2020-05-22), XP051889929, Retrieved from the Internet <URL:https://ftp.3gpp.org/tsg_sa/WG2_Arch/TSGS2_139e_Electronic/Docs/S2-2003921.zip S2-2003921 23700-20 KI #X, New Sol Use of survival time.docx> [retrieved on 20200522]
• See also references of WO 2022021317A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022021317 A1 20220203; CN 116097736 A 20230509; EP 4070582 A1 20221012; EP 4070582 A4 20221123; KR 20220105669 A 20220727; US 2022330049 A1 20221013

DOCDB simple family (application)
CN 2020106180 W 20200731; CN 202080104441 A 20200731; EP 20947033 A 20200731; KR 20227021720 A 20200731; US 202217808425 A 20220623